This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

1. (Previously Amended)

A compound of formula (I):

$$R^3$$
 $NH_2$ 
 $NH_2$ 
 $R^1$ 
 $R^1$ 

wherein:

X is O or NH;

Y is CH;

R<sup>1</sup> is aryl selected from the group consisting of phenyl and napthyl,

wherein said aryl is unsubstituted or substituted with one or more

- (a) halo,
- (b) -C<sub>1</sub>-6alkyl,
- (c) -C2-6 alkenyl,
- (d) -C2-6 alkynyl,
- (e) -OH,
- (f) -CN, or
- (g) -O-C<sub>1</sub>-6alkyl;

R<sup>2</sup> is selected from the group consisting of:

- (1)  $R^4$ -S(O)<sub>2</sub>N( $R^7$ )-, wherein  $R^4$  is C<sub>1-6</sub>alkyl, wherein said alkyl is unsubstituted or substituted with one or more
  - (a) halo,
  - (b) -C<sub>1</sub>-6alkyl,
  - (c) -OH,
  - (d) -CN, or
  - (e) -O-C<sub>1</sub>-6alkyl; and

R<sup>7</sup> is selected from the group consisting of

(a) hydrogen, and

(b) -C<sub>1</sub>-6alkyl,

wherein said alkyl is unsubstituted or substituted with one or more

- (i) halo,
- (ii) -C<sub>1-6</sub>alkyl,
- (iii) -OH,
- (iv) -CN, or
- (v) -O-C<sub>1</sub>-6alkyl;

(2)

(3)

 $R^3$  is selected from the group consisting of:

(a) 
$$R^{6b}$$
 $R^{6a}$ 
 $R^{5}$ 
 $R^{10}$ 
 $R^{10}$ 

wherein  $R^5$  is  $C_{1\text{-}6}$ alkyl,  $C_{2\text{-}6}$  alkenyl or  $C_{2\text{-}6}$  alkynyl;

R6a, R6b, and R6c are independently selected from the group consisting of:

- (1) hydrogen,
- (2) halo,
- (3) -C<sub>1-6</sub>alkyl,
- (4) -C<sub>2-6</sub> alkenyl,
- (5) -C<sub>2-6</sub> alkynyl,

- (6) -OH,
- (7) -CN, and
- (8) -O-C<sub>1</sub>-6alkyl;

R9 and R10 are independently selected from the group consisting of:

- (1) hydrogen, and
- (2) C<sub>1-6</sub>alkyl,
- (3) -C2-6 alkenyl, and
- (4) -C<sub>2-6</sub> alkynyl,

or  $R^9$  and  $R^{10}$  are joined together with the nitrogen atom to which they are attached to form a pyrrolidine ring, which is optionally substituted with

- (a) C<sub>1-6</sub>alkyl,
- (b) -C2-6 alkenyl,
- (c) -C<sub>2-6</sub> alkynyl,
- (d) (CH<sub>2</sub>)<sub>n</sub>-phenyl, and
- (e) (CH<sub>2</sub>)<sub>n</sub>-furanyl;

wherein said alkyl, phenyl and furanyl are unsubstituted or substituted with one or more

- i) halo,
- ii) -C1-6alkyl,
- iii) -OH,
- iv) -CN, or
- v) -O-C1-6alkyl; and

R<sup>11</sup> is selected from the group consisting of

- (1)-CH-,
- (2) -O-, and
- (3) -NH-,

provided that when  $R^{11}$  is -CH- the dotted line forms a bond and when  $R^{11}$  is -O- or -NH- the dotted line is absent;

R12 is hydrogen, C1-6 alkyl, C2-6 alkenyl or C2-6 alkynyl;

m is 1 or 2;

n is 0, 1, 2, 3 or 4;

p is 1, 2, 3 or 4;

and pharmaceutically acceptable salts thereof.

2. (Original) The compound of Claim 1, wherein m is 1 and  $\mathbb{R}^1$  is phenyl unsubstituted or substituted with one or more chloro or fluoro.

3. (Original) The compound of Claim 1, wherein m is 2 and R<sup>1</sup> is phenyl unsubstituted or substituted with one or more chloro or fluoro.

4. (Previously canceled)

5. (Original) The compound of Claim 1, wherein  $R^2$  is  $(R^4)$ -S(O)<sub>2</sub>N( $R^7$ )- and  $R^7$  is  $C_{1-6}$  alkyl.

6. (Original) The compound of Claim 5 wherein R<sup>4</sup> and R<sup>7</sup> are each methyl.

7. (Original) The compound of Claim 1, wherein R<sup>2</sup> is

8. (Original) The compound of Claim 1 wherein R<sup>3</sup> is

9. (Original)The compound of Claim 8 wherein R<sup>5</sup> is methyl.

10-11. (Previously Canceled)

12. (Original) The compound of Claim 1 wherein R<sup>3</sup> is

and  $R^9$  and  $R^{10}$  are joined together with the nitrogen atom to which they are attached to form a pyrrolidine ring which is unsubstituted or substituted with

- (a) C<sub>1-6</sub>alkyl,
- (b) (CH<sub>2</sub>)<sub>n</sub>-phenyl, or
- (c) (CH<sub>2</sub>)<sub>n</sub>-furanyl.
- 13. (Original) The compound of Claim 12 wherein  $R^9$  and  $R^{10}$  are joined together with the nitrogen atom to which they are attached to form a pyrrolidine ring which is substituted with  $-(CH_2)_n$ -furanyl wherein n is 0.
- 14. (Original) The compound of claim 13, wherein R<sup>3</sup> is

15. (Original) The compound of Claim 1 wherein R<sup>3</sup> is

$$R^{12}$$
  $R^{11}$ 

16. (Original) The compound of Claim 1 of formula II:

wherein X, Y, R<sup>1</sup>, R<sup>2</sup>, R<sup>5</sup>, R<sup>6a</sup>, R<sup>6b</sup>, R<sup>6c</sup> and m are as defined in Claim 1.

17. (Original) The compound of Claim 1 of formula (III):

wherein X, Y,  $R^1$ ,  $R^2$ ,  $R^9$ ,  $R^{10}$  and m are as defined in Claim 1.

## 18. (Original) The compound of Claim 1 of formula (IV):

$$R^{12}$$
 $R^{11}$ 
 $X$ 
 $NH_2$ 
 $NH_2$ 

wherein  $X,\,Y,\,R^1$ ,  $R^2$ ,  $R^{11},\,R^{12}$  and m are as defined in Claim 1.

## 19. (Currently amended) The compound of Claim 1 which is selected from the group consisting of:

$$\begin{array}{c|c} & & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$$

$$\begin{array}{c|c} & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$$

$$\begin{array}{c} \text{MeO}_2\text{S} \\ \text{H} \\ \text{NC} \\ \text$$

$$\begin{array}{c|c} \text{MeO}_2S & \\ \hline \\ \text{O} & \text{OH} \\ \\ \end{array}$$

and pharmaceutically acceptable salts thereof.

- 20. (Previously canceled)
- 21. (Original) A pharmaceutical composition comprising an effective amount of a compound of Claim 1 and a pharmaceutically acceptable carrier.
- 22. (Previously Canceled)
- 23. (Previously Canceled)
- 24. (Previously canceled)